

94004-88216

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: LONG, Dennis P. et al.

Serial No.: 10/053,968

Filed: January 22, 2002

For: RAPID RESPONSE ELECTRIC HEAT EXCHANGER

Group Art Unit: 3742

Examiner: Campbell, Thor

## CERTIFICATION OF FACSIMILE TRANSMISSION

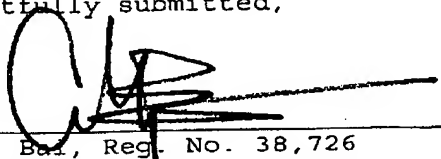
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450TO: Facsimile #703-872-9306  
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PO Box 1450  
Alexandria, VA 22313-1450FROM: Ari M. Bai  
Greensfelder, Hemker & Gale, P.C.  
Intellectual Property Group

Number of Pages Transmitted (including this page): 23

I hereby certify that these papers are being facsimile  
transmitted to the Patent and Trademark Office on the date shown  
below.

- [✓] Amendment D (20 pages);  
[✓] Please charge any additional costs, or credit any  
overpayment or refund, to our Deposit Account No. 07-1985.

Respectfully submitted,

4/6/2004  
Date  
Ari M. Bai, Reg. No. 38,726  
Greensfelder, Hemker & Gale, PC  
10 S. Broadway, Suite 2000  
St. Louis, Missouri 63102  
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314-345-4704 Facsimile

700144

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LONG, Dennis D. et al.  
 Serial No.: 10/053,968  
 Filed: January 27, 2002  
 For: RAPID RESPONSE ELECTRIC HEAT EXCHANGER  
 Group Art Unit: 3742  
 Examiner: Campbell, Thor

RESPONSE AND AMENDMENT TRANSMITTAL

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated January 6, 2004,  
 transmitted herewith is the following:

- ☒ Amendment D (20 pages);  
☐ Petition for Extension of Time and check in the amount of  
 \$\_\_\_\_\_, and  
☐ Other: Postcard.

## Fee Determination:

Claims	Total Number of Claims After Amendment	Highest Number of Claims Originally Paid For	Number of Additional Claims	Rate	Additional Cost
Total Claims (37 CFR 1.16(c))	34	- 34	0	x \$18.00 =	\$0.00
Independent Claim (37 CFR 1.16(b))	4	- 4	0	x \$86.00 =	\$0.00
Total				=	\$0.00
Fee for Extension of Time (if applicable)				+	\$0.00
Less Small Entity Deduction (if applicable)				x 50%	\$0.00
Total Enclosed				=	\$0.00

700351

Form P17

The above fee is being paid by:

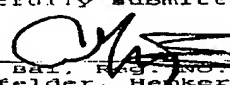
☐ Enclosed check;☐ Please charge Deposit Account 07-1985 in the amount of

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 in fees to Deposit Account 07-1985.

Respectfully submitted,

4/6/2004  
 Date

  
 Ari M. Gal, Reg. No. 38,726  
 Greensfelder, Hemker & Gale, PC  
 10 S. Broadway, Suite 2000  
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Group Art Unit: 3742

Examiner: Campbell, Thor

Honorable Commissioner of Patents and Trademarks  
PO Box 1450  
Alexandria, Virginia 22313-1450

RESPONSE TO THE EXAMINER'S OFFICE ACTION

Sir:

This paper is responsive to the Office Action mailed on January 6, 2004 having a shortened statutory period for response set to expire on April 6, 2004.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 13 of this paper.